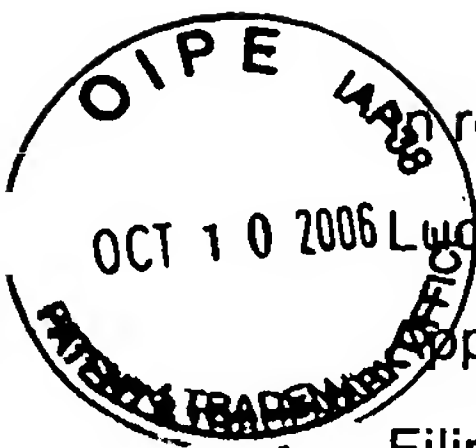


Patent

Attorney Docket No. 1032475-000019

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Provisional Patent Application of

Ludwig Baux et al.

Application No.: 10/590,651

Filing Date: August 25, 2006

Title: MEANS FOR A QUANTITATIVE
DETECTION OF CYTOCHROME C

) MAIL STOP

) Group Art Unit: Unassigned

) Examiner: Unassigned

) Confirmation No.: 2156

FIRST
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

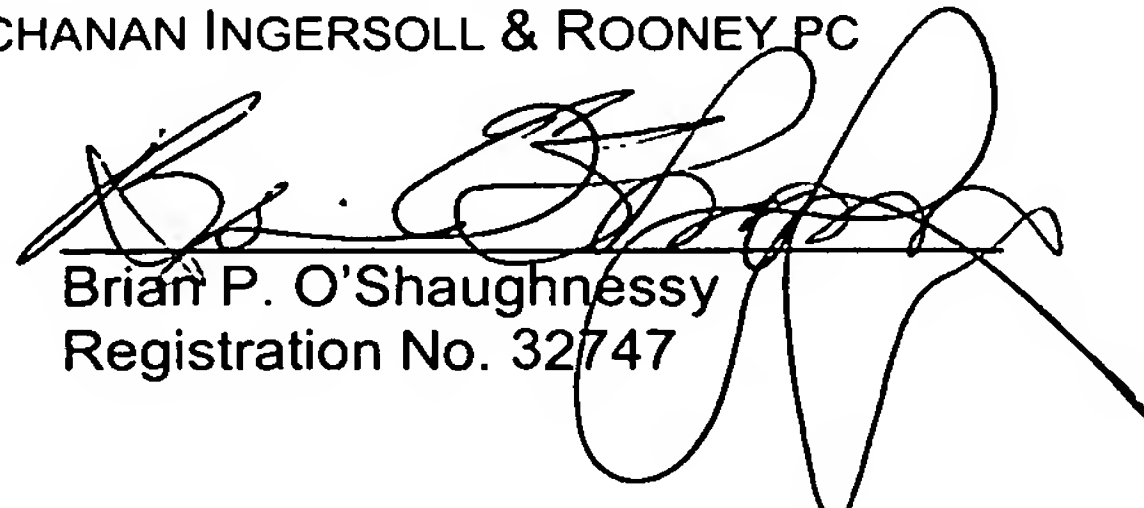
Enclosed is a FIRST Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☐ Charge _____ to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date October 10, 2006

By: 
Brian P. O'Shaughnessy
Registration No. 32747

P.O. Box 1404
Alexandria, VA 22313-1404
703 836 6620



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
Ludwig Baux et al.)	Group Art Unit: Unassigned
Application No.: 10/590,651)	Examiner: Unassigned
Filed: August 25, 2006)	Confirmation No.: 2156
For: MEANS FOR A QUANTITATIVE DETECTION OF CYTOCHROME C)	

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. Also enclosed is a copy of the International Preliminary Report on Patentability and Written opinion issued August 30, 2006 in corresponding PCT/EP205/00577.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

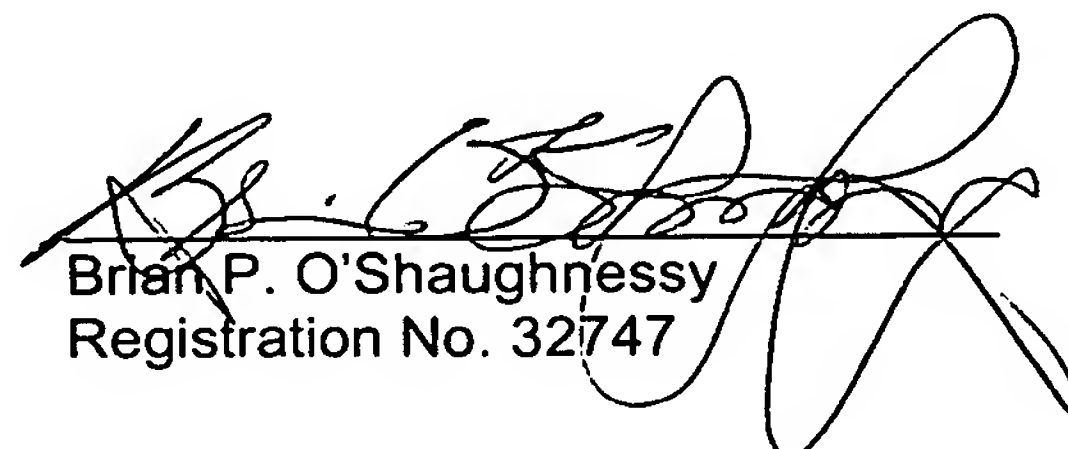
To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

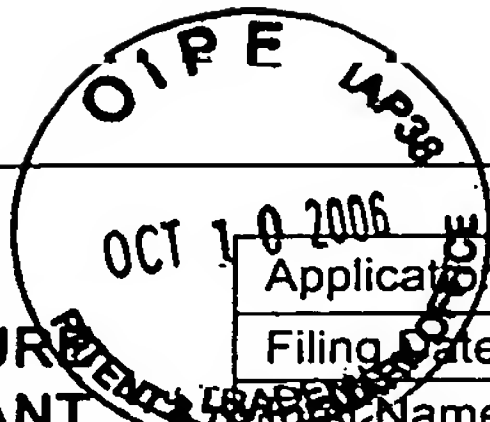
BUCHANAN INGERSOLL & ROONEY PC

Date: October 10, 2006

By:


Brian P. O'Shaughnessy
Registration No. 32747

P.O. Box 1404
Alexandria, VA 22313-1404
703 836 6620



Substitute for form 1449/PTO & 1449B/PTO		Complete if Known	
FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/590,651
		Filing Date	August 25, 2006
		Applicant Named Inventor	Ludwig Baux et al.
		Examiner Name	Unassigned
		Attorney Docket No.	1032475-000019
Sheet 1 of 1			

U.S. PATENT DOCUMENTS				
Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

FOREIGN PATENT DOCUMENTS										
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS					
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract

NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	International Preliminary Report on Patentability and Written Opinion issued August 30, 2006 in corresponding PCT/EP2005/002577
	"A New Quantitative Assay for Cytochrome C Release in Apoptotic Cells" <i>Cell Death and Differentiation</i> , Edward Arnold, Oxford, GB vol. 10, no.7, July 2003 pp. 853-855, Nature Publishing Group
	W. Lu et al., "Use of Prussian Blue/Conducting Polymer Modified Electrodes for the Detection of Cytochrome C" <i>Electroanalysis</i> , vol. 10, no. 7 June 1998, pp. 472-276, Wiley-VCH Verlag GmbH
	L. Smith, "Spectrophotometric Assay of Cytochrome c Oxidase" <i>Methods of Biochemical Analysis</i> (1955) vol. 2, pp 427-434
	J. Catino et al., "Microtiter Assay Useful for Screening of Cell-differentiation Agents" <i>Journal of the National Cancer Institute</i> August 17, 1988, vol. 80, no. 12, pp 962-966
	M. Picklo et al., "High-Pressure Liquid Chromatography Quantitation of Cytochrome c Using 393 nm Detection" <i>Analytical Biochemistry</i> vol. 276 (1999) pp 166-170, Academic Press
	T. Ishihara et al., "Detection of Cytochrome C by Means of Surface Plasmon Resonance Sensor" <i>Sensors and Actuators B</i> vol. 91, no. 1-3, June 1, 2003, pp. 262-265, Elsevier Sequoia S.A. Lausanne, CH
	Z. Chrzanowska-Lightowlers et al., "A Microtiter Plate Assay for Cytochrome c Oxidase in Permeabilized Whole Cells" <i>Analytical Biochemistry</i> vol. 214, (October 1, 1993) pp. 45-49, The Academic Press, Inc.

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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